

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A system for removing vapors and particles from a pressurized surgical site, the system comprising:

 a fluid pathway including an intake end and a return end, both ends being in fluid

 communication with the pressurized surgical site;

 a flow generating device in the fluid pathway between the intake end and the return end;

 a filter in the fluid pathway between the intake end and the return end,

 wherein the flow generating device and the filter are generally immediately adjacent to the surgical site when the system is in use and wherein the flow generating device generates a flow rate through the system of approximately 0.2 to approximately 4.5 liters per minute for a fluid comprising insufflation gases.

2. (Original) The system of claim 1, wherein the flow rate creates a minimal total system pressure loss.

3. (Original) The system of claim 1, the flow rate is approximately 2.5 to approximately 4.0 liters per minute.

4. (Original) The system of claim 3, wherein the flow rate creates a minimal total system pressure loss.

5. (Original) The system of claim 1, wherein the flow generating device is sterile prior to use and disposable.

6. (Original) The system of claim 1, wherein the filter includes a water trap.

7. (Original) The system of claim 1 further comprising a valve adapted to control the fluid flow.

8. (Original) The system of claim 1 further comprising an odor removing media.
9. (Original) The system of claim 1 further comprising a particulate removing media.
10. (Original) The system of claim 1, wherein the flow generating device is battery powered.
11. (Original) The system of claim 1, wherein the generated flow is substantially steady.
12. (Original) The system of claim 1, wherein the flow generating device and the filter are capable of undergoing sterilization.
13. (Original) The system of claim 1, wherein the system is capable of undergoing sterilization.
14. (Original) The system of claim 1, the flow generating device is incapable of generating a spark.
15. (Original) The system of claim 1, wherein the system is disposable.
16. (Original) The system of claim 1, wherein the system is operable without being coupled to any device remote from adjacent to the pressurized surgical site.
17. (Original) The system of claim 1, wherein the flow generating device comprises a positive displacement pump.
18. (New) A system for removing vapors and particles from a pressurized surgical site, the system comprising:
a fluid pathway including an intake end and a return end, both ends being in fluid communication with the pressurized surgical site;

a flow generating device in the fluid pathway between the intake end and the return end;
a filter in the fluid pathway between the intake end and the flow generating device,
wherein the flow generating device and the filter are generally immediately adjacent to
the surgical site when the system is in use and wherein the flow generating device generates a
flow rate through the system of approximately 0.2 to approximately 4.5 liters per minute for a
fluid comprising insufflation gases.

19. (New) The system of claim 18, wherein the flow rate creates a minimal total system
pressure loss.

20. (New) A system for removing vapors and particles from a pressurized surgical site,
the system comprising:

a fluid pathway including an intake end and a return end, both ends being in fluid
communication with the pressurized surgical site;
a flow generating device in the fluid pathway between the intake end and the return end;
a filter media in the fluid pathway between the intake end and the return end, the filter
media comprising a first and a second layer, wherein the first layer is immediately
adjacent the second layer;

wherein the flow generating device and the filter media are generally immediately
adjacent to the surgical site when the system is in use and wherein the flow generating device
generates a flow rate through the system of approximately 0.2 to approximately 4.5 liters per
minute for a fluid comprising insufflation gases.